

SEALED SOURCE SAFETY ANALYSIS

Date: 6/4/2012

SRS ID Number: 200719

Department/Division: PO

Building: 510

	Nuclide 1	Nuclide 2	Nuclide 3	Nuclide 4	Nuclide 5
Nuclide	Sr-90				
Original Activity (μCi)	8000.00				
Present Activity (μCi)	5934.74				

Manufacturer/Model: Unknown / Unknown

Assay Date: 1/1/2000

Date of Certification: NA

Special Form Certificate: NA

Expiration Date: NA

Recommended Working Life (RWL): 15

RWL Basis (Certificate/Default): Default

Years in Service: 12

Requesting RWL extension: NO

Total number of extensions, including this request (if applicable): NA

ANSI/ISO Certificate Number: NA

Temperature	External Pressure	Impact	Vibration	Puncture	Bending

Photograph File Name(s): 200719120518

Results of visual inspection: Source encapsulation appears to be intact and in acceptable condition.

Source Application/Use: Detector response and energy or efficiency calibrations.

Restrictions/Limitations: This source may be used only under conditions typical of a working office or laboratory environment, e.g., room temperature and standard ambient atmospheric pressure; it should not be subjected to unusual mechanical or environmental stresses, such as impacts, vibration or abrasion; it should not be exposed to moisture, corrosive materials or corrosive liquids. The source may not be transported to other locations by the end user. Operations that deviate from these restrictions require the approval of the Department/Division head and the RCD Manager. This source is packaged in a brass collimator with a small aperture. The collimator is not to be opened or modified except by an FSR Tech.

Approvals

Department Source Custodian: _____

Department/Division: _____

RCD Manager (if applicable): _____

Sealed Radioactive Source Accountability Form

SOURCE DESCRIPTION

200719 Database Key: 0000 Serial No: 265390C

BNL RCD Number: 0331
Nuclide 1: Sr-90
Nuclide 2: (None)
Calculated Info:
Physical Desc:
☐ In Device
Dept. Custodian:
Last Inventor:

CAUTION

Radiation Level: 3.5/0.12
Contamination Level (internal): No detection
Contamination Level (external): No detection
Surveyor: J. ALICE
Material Description: Sr-90
Radiation Unit/Label: Type, SN & Cal Due date
Contamination Instrument: Type, SN & Cal Due date

5/10/11

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Leak Test Result: ☐ PASS ☐ FAIL
Leak Test not done because source is in ☐ Inaccessible c
Name of Surveyor:
Signature:
BNL Life No:
Leak Test Date:
For RCD use: LT Database key